

Ֆարմացիայի ինստիտուտ
Դեղերի որակի հսկման և մոնիթորինգի գիտաուսումնական կենտրոն
Լաբորատորիայի վարիչ

Կրթություն

Հաստատություն	Երևանի պետական համալսարան
Ֆակուլտետ	քիմիա
Տարեթիվ	2001 - 2006
Աստիճան/կոչում	Դիպլոմավորված մասնագետ

Գիտական աստիճան/կոչում

Տարեթիվ	2013
Աստիճան/կոչում	Գիտությունների թեկնածու
Գիտական ղեկավար	Արմեն Աղաջանյան
Գիտական թեմա	Էլեկտրոթաղանթային եղանակի կիրառումը կենսաբանորեն ակտիվ նյութերի անջատման և մաքրման գործընթացներում

Լեզուների իմացություն

English

Հրապարակումներ

Հոդված
Natural and Synthetic Peptides as Alternatives to Antibiotics in Intestinal Infections—A Review
Tatevik Sargsyan, Lala Stepanyan, Monika Israyelyan, Alessandro Gori, Avetis Tsaturyan, Zhaklina Saribekyan, Kristina Hovsepyan, Raffaele Pastore, Antonio De Luca, Giovanni N. Roviello
Antibiotics 2026 68-96

Հոդված
Solvent-modulated antioxidant activity and molecular binding of a heterocyclic sulfur dipeptide: A spectroscopic and theoretical study
Tatevik Sargsyan, Silva Jamgaryan, Lala Stepanyan, Avetis Tsaturyan, Valentina Mittova, Zurab R. Tsetskhladze, Nino Motsonelidze, Ekaterine Gorgoshidze, Niccolò Nova, Hayarpi Simonyan, Karapet Ghazaryan, Franco Bisceglie, Giovanni N. Roviello
Results in Chemistry 2026 103214 - 103214
<https://doi.org/10.1016/j.rechem.2026.103214>

Հոդված

The Dual Role of Natural Peptides in Cancer Therapy: Anticancer and Immunomodulatory Perspectives

Avetis Tsaturyan, Heghine Hakobyan, Kristina Hovsepyan, Anna Mkrtchyan, Tatevik Sargsyan, Raffaele Pastore, Germano Guerra, Giovanni N. Roviello

Oncology Research Featuring Preclinical and Clinical Cancer Therapeutics 2026 1 - 10

<https://doi.org/10.32604/or.2026.078405>

Հոդված

Neuroprotective Properties of Clove (*Syzygium aromaticum*): State of the Art and Future Pharmaceutical Applications for Alzheimer's Disease

Tatevik Sargsyan, Hayarpi Simonyan, Avetis Tsaturyan, Lala Stepanyan, Raffaele Pastore, Caterina Vicidomini, Germano Guerra, Giovanni N. Roviello

Biomolecules 2025 452

Հոդված

Synthesis and Antifungal Activity of Fmoc-Protected 1,2,4-Triazolyl- α -Amino Acids and Their Dipeptides Against *Aspergillus* Species

Tatevik Sargsyan, Avetis Tsaturyan, Nelli Hovhannisyan, Anna Mkrtchyan, Ashot Saghyan, Giovanni N. Roviello, Caterina Vicidomini, Lala Stepanyan, Henrik Panosyan, Heghine Hakobyan,

Monika Israyelyan

Biomolecules 2025 2-21

Հոդված

Optimal time for preparing *Amaranthus paniculatus* L. herb

Tatevik Sargsyan, Avetis Tsaturyan, Lala Stepanyan, Monika Israyelyan, Samvel Ghazaryan

Bulgarian Journal of Agricultural Science 2025 13-18

Հոդված

Strategy for synthesizing O-protected (S)- α -substituted serine analogs via sequential Ni(ii)-complex-mediated cross-coupling and cycloaddition reactions

Anna S. Tovmasyan, Anna F. Mkrtchyan, Avetis H. Tsaturyan, Peter Langer, Andrei V. Malkov,

Ashot S. Saghyan

New Journal of Chemistry 2025 11640-11645

Հոդված

Isolation, purification, identification of melanin from grape pomace extracts, and its application areas

Armen Aghajanyan, Ela Minasyan, Tigran Soghomonyan, Gayane Melyan, Gayane Hovhannisyan, Karine Yeghiyan, Kristina Karapetyan, Avetis Tsaturyan

Bioactive Compounds in Health and Disease - Online ISSN 2574-0334 Print ISSN 2769-2426 2025 204-2016

Հոդված

A3-Mannich coupling reaction via chiral propargylglycine Ni(ii) complex: an approach for synthesizing enantiomerically enriched unnatural α -amino acids

Liana Hayriyan, Anna Grigoryan, Hasmik Gevorgyan, Avetis Tsaturyan, Armen Sargsyan, Peter Langer, Ashot Saghyan, Anna Mkrtchyan

RSC Advances 2025 35379-35387

Հոդված

Effect of solvent polarity on the extraction of bioactive compounds from *Heracleum persicum* fruits

Avetis Tsaturyan, Lusine Sahakyan, Lusine Hayrapetyan, Ela Minasyan, Ani Chakhoyan,
Valodya Mirzoyan, Gayane Hovhannisyan, Haykanush Khachatryan, Sergey Hayrapetyan
Pharmacia 2025 e168925

<https://pharmacia.pensoft.net/article/168925/>

Հոդված

Intracellular Parasitic Infections Caused by *Plasmodium falciparum*, *Leishmania* spp., *Toxoplasma gondii*, *Echinococcus multilocularis*, Among Key Pathogens: Global Burden, Transmission Dynamics, and Vaccine Advances—A Narrative Review with Contextual Insi...

Tatevik Sargsyan, Lala Stepanyan, Avetis Tsaturyan, Rosanna Palumbo, Caterina Vicidomini,

Giovanni N. Roviello

Vaccines 2025 1082-1115

<https://www.scopus.com/pages/publications/105023465617?origin=resultslist>

Հոդված

Unnatural Phosphorus-Containing α -Amino Acids and Their N-FMOC Derivatives: Synthesis and In Vitro Investigation of Anticholinesterase Activity

Ani S. Dadayan, Anna F. Mkrtchyan, Atravazd S. Poghosyan, Slavik A. Dadayan, Lala A. Stepanyan,
Monika H. Israyelyan, Anna S. Tovmasyan, Avetis H. Tsaturyan, Nona A. Hovhannisyan,
Vigen O. Topuzyan, Tatevik H. Sargsyan, Ashot S. Saghyan

ChemistrySelect 2024 1-10

Հոդված

Efficient isolation and characterization of functional melanin from various plant sources

Armen E. Aghajanyan, Artur A. Hambardzumyan, Ela V. Minasyan, Gayane J. Hovhannisyan,
Karine I. Yeghiyan, Tigran M. Soghomonyan, Sona V. Avetisyan, Vehary A. Sakanyan, Avetis H. Tsaturyan
International Journal of Food Science & Technology 2024 3545-3555

Հոդված

Ion-chromatographic determination of common anions in drinking water in some regions of the Republic of Armenia

Avetis Tsaturyan, Lusine Sahakyan, Lusine Hayrapetyan, Ela Minasyan, Ani Chakhoyan,
Sergey Hayrapetyan, Ashot Saghyan
Pharmacia 2024 e135658

Հոդված

Synthesis, Characterization, and Study of Catalytic Activity of Chiral Cu(II) and Ni(II) Salen Complexes in the α -Amino Acid C- α Alkylation Reaction

Anna S. Tovmasyan, Anna F. Mkrtchyan, Hamlet N. Khachatryan, Mary V. Hayrapetyan,
Robert M. Hakobyan, Artavazd S. Poghosyan, Avetis H. Tsaturyan, Ela V. Minasyan, Viktor I. Maleev,
Vladimir A. Larionov, Armen G. Ayvazyan, Norio Shibata, Giovanni N. Roviello, Ashot S. Saghyan
Molecules 2023 1180

Հոդված

Valorization of whey-based side streams for microbial biomass, molecular hydrogen, and hydrogenase production

Anna Poladyan, Karen Trchounian, Ela Minasyan, Meri Iskandaryan, Hayarpi Aghekyan, Sargis Aghayan, Avetis Tsaturyan, Ani Paloyan, Garabed Antranikian, Lev Khoyetsyan
Applied Microbiology and Biotechnology 2023 4683-4696

Հոդված

Development of an efficient method for obtaining lactose and lactulose from whey

Tatevik Sargsyan, Avetis Tsaturyan, Lilya Arstamyanyan, Anyuta Sargsyan, Jaklina Saribekyan,,

Ani Voskanyan, Ella Minasyan, Monika Israelyan, Lala Stepanyan

Pharmacia 2023 1039-1046

Հոդված

STUDY OF THE CHEMICAL COMPOSITION, ANTIBACTERIAL AND ANTIOXIDANT ACTIVITY OF VARIOUS EXTRACTS OF THE AERIAL PART OF LEONURUS CARDIACA

T. H. Sargsyan, L. A. Stepanyan, M. H. Israyelyan, K. J. Karapetyan, A. H. Tsaturyan

Farmacia 2023 1064-1071

Հոդված

Antimicrobial Activity of Melanin Isolated from Wine Waste

E. Minasyan, A. Aghajanyan, K. Karapetyan, N. Khachaturyan, G. Hovhannisyan, K. Yeghyan,

A. Tsaturyan

Indian Journal of Microbiology 2023 7

Հոդված

Development of the technology for producing water-soluble melanin from waste of vinary production and the study of its physicochemical properties

Armen E. Aghajanyan, Artur A. Hambardzumyan, Ela V. Minasyan, Avetis H. Tsaturyan, Ani M. Paloyan,

Sona V. Avetisyan, Anichka S. Hovsepyan, Ashot S. Saghyanyan

European Food Research and Technology 2022 485-495

Հոդված

Detection and development of a quantitation method for undeclared compounds in antidiabetic biologically active additives and its validation by high performance liquid chromatography

Virab Gurgen Kirakosyan, Avetis Hovhannes Tsaturyan, Lilit Eduard Poghosyan, Ella Vardan Minasyan,

Hayk Razmik Petrosyan, Lusine Yurik Sahakyan, Tatevik Hovhannes Sargsyan

Pharmacia 2022 45-50

Հոդված

DEVELOPMENT OF A RAPID AND EFFICIENT METHOD FOR QUANTITATIVE DETERMINATION OF N-NITROSODIMETHYLAMINE IMPURITY BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY IN METFORMIN HYDROCHLORIDE, LOSARTAN POTASSIUM, VALSARTAN AND RANITIDINE MEDICINAL RAW MATERIALS AND...

V. G. KIRAKOSYAN, S. M. VARDAPETYAN, L. H. VARDERESYAN, A. H. TSATURYAN

Proceedings of the YSU B Chemical and Biological Sciences 2021 296-299

Հոդված

Asymmetric synthesis, biological activity and molecular docking studies of some unsaturated α -amino acids, derivatives of glycine, allylglycine and propargylglycine

A. F. Mkrtchyan, A. S. Saghyanyan, L. A. Hayriyan, A. S. Sargsyan, A. J. Karapetyan, A. S. Tovmasyan,

A. H. Tsaturyan, E. V. Minasyan, A. S. Poghosyan, A. M. Paloyan, H. A. Panosyan, Lu. Yu. Sahakyan
Journal of Molecular Structure 2020 127850

Հոդված

Using the Ni-[(Benzylprolyl)amino]benzophenone complex in the Glaser reaction for the synthesis of bis α -amino acids

Anna F. Mkrtchyan, Liana A. Hayriyan, Ani J. Karapetyan, Anna S. Tovmasyan, Avetis H. Tsaturyan, Victor N. Khrustalev, Viktor I. Maleev, Ashot S. Saghyan
New Journal of Chemistry 2020 8

Հոդված

Исследование асимметрического нуклеофильного бис-присоединения дегидроаланиновых комплексов Ni(II)

Петросян С. Г., Симонян А. М, Мкртчян А. Ф., Саакян Л. Ю., Цатурян А. О., Саган А. С.
Հայաստանի քիմիական հանդես 2020 213-222

Հոդված

СИНТЕЗ ЭНАНТИОМЕРНО ОБОГАЩЕННОЙ (S)-2-АМИНО-5-(4-ФТОРФЕНИЛ)ПЕНТ-4-ЕНОВОЙ КИСЛОТЫ И ЕЕ α -АЛЛИЛЗАМЕЩЕННОГО АНАЛОГА

А. С. САГЯН, З. З. МАРДИЯН, А. Ф. МКРТЧЯН, А. О. ЦАТУРЯН
Химический Журнал Армении 2018 107-116

Հոդված

ROUND-LEAVED WINTEGREEN (PYROLA ROTUNDIFOLIA) AS A VALUABLE MEDICINAL PLANT RAW MATERIAL

S. A. DADAYAN, L. A. STEPANYAN, A. S. DADAYAN, M. B. GASOYAN, H. R. PETROSYAN, A. S. POGHOSYAN, A. O. TSATURYAN
Chemical Journal of Armenia 2018 625-633

Հոդված

TARGETED SYNTHESIS OF 9-FLUORENYLMETHYLOXYCARBONYLGLYCYL-(S)- β -[4-ALLYL-3-PROPYL-5-THIOXO-1,2,4-TRIAZOL-1-YL]- α -ALANINE AND STUDY OF ITS EFFECT ON COLLAGENASE ACTIVITY

T. H. SARGSYAN, Yu. M. DANGHYAN, S. M. JAMGARYAN, A. S. SARGSYAN, E. A. GYULUMYAN, H. A. PANOSYAN, N. A. HOVHANNISYAN, A. M. HOVHANNISYAN, A. H. TSATURYAN, A. S. SAGHYAN
Chemical Journal of Armenia 2018 571-578

Գիտաժողովի նյութ

Study of synthesis of amino acids by Azotobacter vinilandii AV1 strain

G. Avetisova, L. Melkonyan, A. Paloyan, V. Ghochikyan, A. Tsaturyan, S. Keleshyan, Z. Karapetyan, A. Toplaghaltsyan
2018 77-78

Գիտաժողովի նյութ

Modeling, synthesis and study of impact of N-t-BOC-(S)- β -[4-allyl-3- (pyridin-3'-yl)-5-thioxo-1,2,4-triazol-1-yl]- α -alanyl-(S)-alanyl-glycyl- (S)- β -[4-allyl-3-(pyridin-3'-yl)-5-thioxo-1,2,4-triazol

T. Sargsyan, A. Sargsyan, Yu. Danghyan, S. Jamgaryan, E. Gyulumyan, A. Hovhannisyan, N. Hovhannisyan, A. Tsaturyan, A. Saghyan

Հոդված

Синтез ди- и трипептидов, содержащих (S)-2-амино-3-[4-аллил-(3-пиридин-4`- и (S)-2-амино-3-[4-аллил-(3-пиридин-3`-ил)-5-тиоксо-1,2,4-триазол-1-ил]-пропио-новые кислоты
Саргсян, Т. О., Цатурян, А. О., Сагиян, А. С., Дангян, Ю. М., Дангян, В. Т., Джемгарян, С. М.,

Гюлумян, Э. А., Паносян, Г. А.

Հայաստանի քիմիական հանդես 2017 92-99

<http://www.flib.sci.am/eng/Qimia/Frame.html>

Գիտաժողովի նյութ

MODELING OF DIPEPTIDES CONTAINING POTENTIAL BIOLOGICALLY ACTIVE (S)- α -PROPARGYLGLYCINE, DISCLOSURE OF POSSIBLE BIOLOGICAL PROPERTIES AND TARGETED SYNTHESIS

T.H. Sargsyan, A.H. Tsaturyan, A.M. Hovhannisyan, A.S. Saghyan

2017 71

<https://www.dutchpeptidesymposium.com/dps-2017/>

Գիտաժողովի նյութ

Modeling, synthesis and study of impact of peptides containing unsaturated double bond amino acids on collagenase activity

T. Sargsyan, T.Khachatryan, A.S. Sargsyan, L.Yu. Danghyan, S.M. Jamgaryan, E.A.Gyulumyan,

N. A. Hovhannisyan, L.A. Hayriyan, A.M. Hovhannisyan, A. H. Tsaturyan, A.S. Saghyan

2017 88

<https://www.sci.am/filedwnl.php?id=345&langid=1>

Գիտաժողովի նյութ

Synthesis of optically pure (S)-2-amino-5-(3-fluorophenyl)-2-(prop-2-yn-1-yl)pent-4-ynic acid by using Sonogashira reaction

Z.Z. Mardiyany, L.A. Hayriyan, A.F.Mkrtchyan, A.X.Tsaturyan, A.J. Karapetyan, H.V. Adonc, H.M. Simonyan,

S.Gh.Petrosyan, L.Yu.Sahakyan, A.S. Saghyan

2017 92

Հոդված

МОДЕЛИРОВАНИЕ ПОТЕНЦИАЛЬНО БИОЛОГИЧЕСКИ АКТИВНЫХ (S)- α -АЛЛИЛГЛИЦИНСОДЕРЖАЩИХ ПЕПТИДОВ, ВЫЯВЛЕНИЕ ИХ ВОЗМОЖНЫХ БИОЛОГИЧЕСКИХ СВОЙСТВ С ПОМОЩЬЮ ПРОГРАММЫ ПАСС-ОНЛАЙН И ЦЕЛЕВОЙ СИНТЕЗ

Т. О. САРГСЯН, Ю. М. ДАНГЯН, В. Т. ДАНГЯН, С. М. ДЖАМГАРЯН, Э. А. ГЮЛУМЯН, Г. А. ПАНОСЯН,

А. О. ЦАТУРЯН, А. С. САГЯН

Հայաստանի քիմիական հանդես 2016 320-332

<http://www.flib.sci.am/eng/Qimia/Frame.html>

Գիտաժողովի նյութ

Synthesis and PASS prediction novel biologically active short peptides

T.H. Sargsyan, N. Hovhannisyan, A.S. Saghyan, A.M. Hovhannisyan, A.H. Tsaturyan, S.M. Jamgaryan,

E. A. Gyulumyan, Yu. M. Danghyan

2016 73

<http://www.eurpepsoc.com/event/15th-naples-workshop-bioactive-peptides/>

Հոդված

Synthesis of optically pure (S)-2-amino-5-arylpent-4-ynoic acids by Sonogashira reactions and their potential use as highly selective potent inhibitors of aldose reductase

Silvio Parpart, Andranik Petrosyan, Syed Jawad Ali Shah, Raji Akeem Adewale, Peter Ehlers,

Tatevik Grigoryan, Anna F. Mkrtchyan, Zorayr Z. Mardiyan, Ani J. Karapetyan, Avetis H. Tsaturyan,

Ashot S. Saghyan, Jamshed Iqbal, Peter Langer

RSC Advances 2015 107400-107412

<http://pubs.rsc.org/en/journals/journalissues/ra?e=1#!subjects>

Հոդված

АСИММЕТРИЧЕСКИЙ СИНТЕЗ НОВЫХ ЭНАНТИОМЕРНО ОБОГАЩЕННЫХ НЕНАСЫЩЕННЫХ α -АМИНОКИСЛОТ

А. Ф. МКРТЧЯН, З. З. МАРДИЯН, А. Ж. КАРАПЕТЯН, А. С. ПОГОСЯН, С. Г. ПЕТРОСЯН, А. М. СИМОНЯН,

А. О. ЦАТУРЯН, А. С. САГИЯН

Химический Журнал Армении 2015 403-412

<http://www.flib.sci.am/eng/Qimia/Frame.html>
